REMARKS

This amendment is responsive to the Office action dated March 10, 2005. Applicants submit minor revisions to the specification and Figure 5, amend claims 1 and 3-7, and add claims 8-18. Applicants request reexamination and reconsideration of the application as amended.

In paragraph no. 1 of the Office action, the Examiner states the inventor declarations are defective because they were not included with the application.

Applicants submitted inventors' declarations on June 10, 2002 in response to a notice to file missing parts dated April 8, 2002. The due date, June 8, 2002, fell on Saturday, so applicants had until Monday, June 10, 2002, to mail in the declarations. Applicants enclose a copy of the notice to file missing parts, the transmittal letter, the first class mailing certificate, the inventor declarations, the surcharge fee check, and the PTO return receipt dated June 17, 2002 confirming the declarations were included with the application.

In paragraph no. 2 of the Office action, the Examiner objects to the disclosure because it contains an embedded hyperlink and/or other form of browser executable code. To overcome the objection, applicants delete the two URLs appearing on pages 8-9. As to the latter URL, applicants refer generally to the Sun web site without citing the URL to retain information in the original application.

In paragraph nos. 3-4 of the Office action, the Examiner rejects claims 1-7 under 35 USC 102(b) as being anticipated by U.S. Patent No. 6,510,439 B1 to Rangarajan (Rangarajan).

Rangarajan cannot anticipate amended claim 1, because it fails to describe a client-side caching system as recited in amended claim 1.

Specifically, Rangarajan fails to describe a server for sending a response including a cookie and a client-side script to the client, wherein the cookie value represents the last version of the resource, and the client-side script appends the cookie value to the request for the resource and the client automatically requests the resource with the

1 appended cookie value so that if the most recent version of the resource is in the client
2 cache, the resource is retrieved from client cache rather than from the server, and if not,
3 is retrieved from the server.

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5 Because Rangarajan fails to provide a client-side caching system as recited in claim 1,
6 it cannot render obvious amended claim 1. The Office action suggests that Rangarajan
7 describes a client-side caching system, but Rangarajan chiefly describes server-side
8 processes at col. 7, lines 6-44. For example, Rangarajan describes a CGI script 18
9 used as an interface between the HTTP server 16 and the state management server 12.
10 A CGI script is a server-side script. When a client request is received the HTTP server
11 16 sets the CGI variables to reflect the full URL and the cookies accompanying the
12 client request. The CGI script 18 establishes an Internet socket connection with the
13 SMS 12, and forwards the URL and any received cookies to the SMS 12. There is no
14 mention that a client-side script is forwarded especially to a client. After the SMS 12
15 receives the URL and cookie, the SMS 12 determines the file path from a registration
16 table 14 and the cookie, the CGI script 18 revises the cookie state information to
17 indicate the new reference, and returns a new cookie to the HTTP server 16, which in
18 turn returns the requested document and cookie to the client . There is no mention of
19 appending the cookie value to the URL and automatically requesting the resource.
20 Thus, Rangarajan's server-side processes do not suggest a client-side caching system
21 as recited in claim 1 and do not address the page latency problem solved by the present
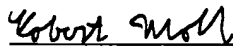22 invention.

23 Rangarajan describes setting the expires field header of the cookie, but this is not what
24 is claimed and does not avoid the page latency problem, since the client will retrieve a
25 web page from the server if the time between two client requests exceeds the time-out
26 period even if the web page is not modified (col. 9, lines 65 - col. 10, lines 11). It is
27 respectfully submitted that amended claim 1 is patentable over Rangarajan.

28 Claims 2-18 distinguish in similar manner as amended claim 1 as well as for the
29 additional limitations recited therein.
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1   The other cited references were considered but do not teach the invention either. In

2   view of the above, applicants submit the application is in condition for allowance.

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   Please call if you have a question, comment, or it will expedite progress of the

4   application.

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6

7   Respectfully submitted,

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1 **IN THE DRAWINGS:**

2 The enclosed drawing sheet is intended to replace the original sheet of Figure 5. In

3 Figure 5, applicants add "No" and "Yes" to label output paths from the decision block

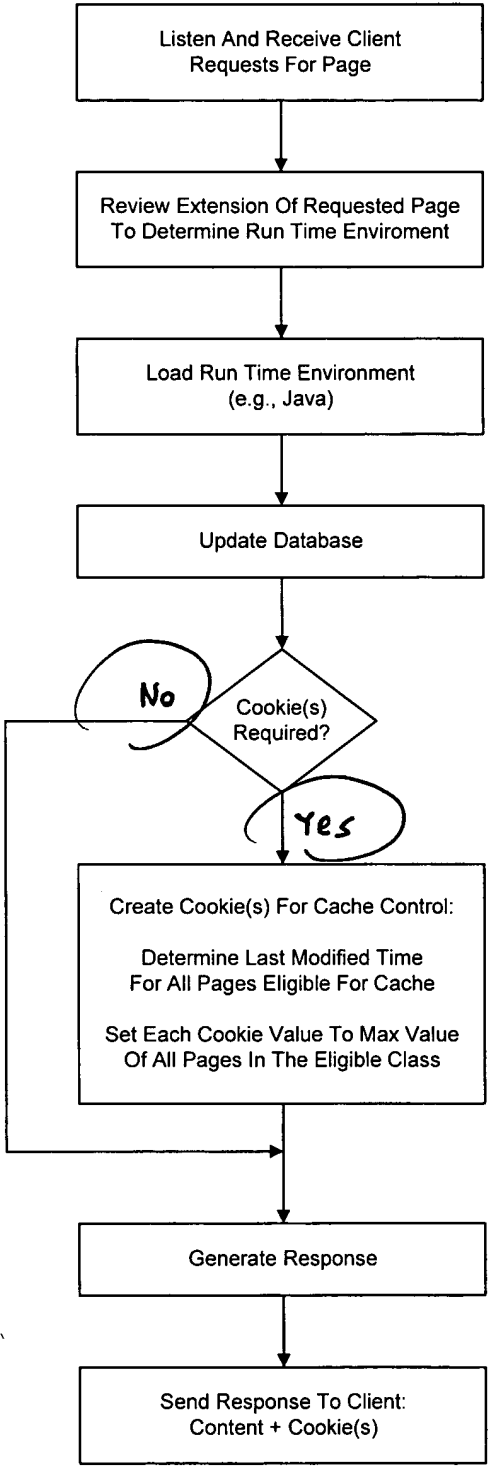4 labeled "Cookie(s) Required?" as shown in the enclosed marked up sheet.

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Listen And Receive Client
Requests For Page

Review Extension Of Requested Page
To Determine Run Time Enviroment

Load Run Time Environment
(e.g., Java)

Update Database

No

Cookie(s)
Required?

Yes

Create Cookie(s) For Cache Control:

Determine Last Modified Time
For All Pages Eligible For Cache

Set Each Cookie Value To Max Value
Of All Pages In The Eligible Class

Generate Response

Send Response To Client:
Content + Cookie(s)

FIGURE 5